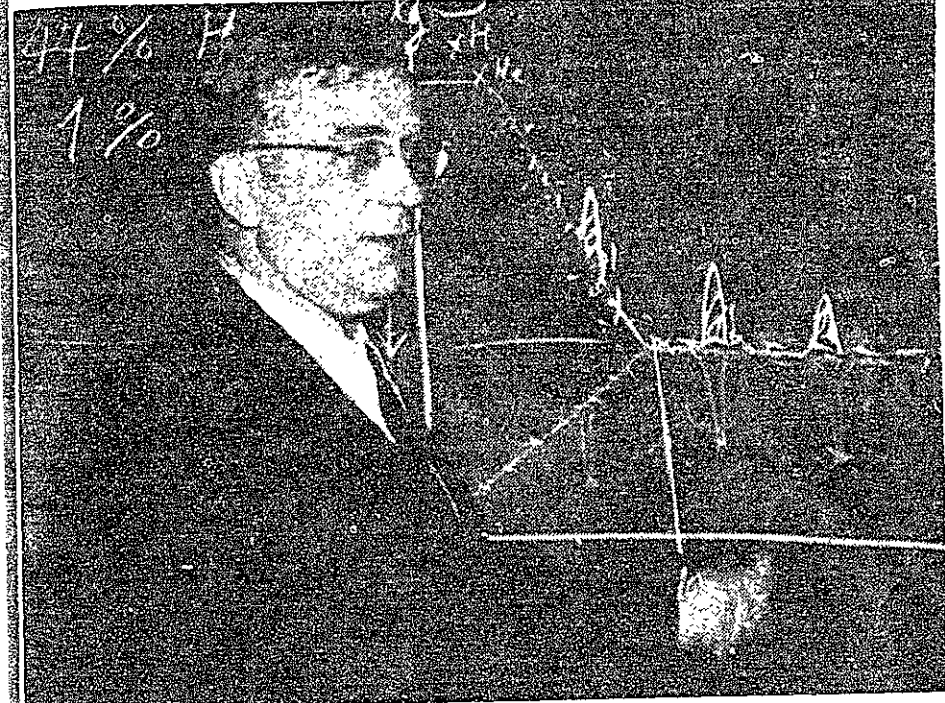


Blue Baron to Serenade Soph Prom

Earth's Age Calculated  
In L. S. C. Presentation



The universe could not be eternal. This assertion was the first of several basic conclusions made by Dr. George Gamow in a lecture Friday afternoon. Huntington Hall was filled with a capacity crowd to hear the Russian-born professor of theoretical physics from the George Washington University, presented by the Lecture Series Committee who spoke on the topic "Origin and Evolution of the Universe."

**Calculation of Earth's Age**  
After showing that the universe did originate at some time, Dr. Gamow proceeded to calculate the

Jobs Predicted  
to Drop 30%

**Engineering Graduates May Expect Difficulties**  
A thirty percent drop in employment of this year's engineering graduates is predicted by leading industrial concerns, government and state agencies, and engineering colleges, canvassed in a recent study of 1950 employment programs conducted by the General Survey Committee of Engineers Joint Council.  
A decrease of 28 percent in employment by industrial companies and of 33 percent by government agencies is indicated by the survey. Engineering colleges, polled concerning teaching and research positions available, report a probable drop of 44 percent from last year's employment figures. Only chemical companies of the large industrial groups do not expect a decline in employment.  
Graduates in physical science also face reduced employment opportunities, according to the Engineers Joint Council survey. Polled organizations employing such graduates expect a 16 percent drop from last year's figures. Although employment of chemists will probably decrease by 14 percent, a 7 percent increase in employment of physicists is expected.  
Average starting salaries of \$255 a month for graduates with bachelor's degrees are about the same as for last year, with chemical and petroleum companies offering the highest salaries. For graduates with master's degrees, the average will be about \$320 a month, and for those with engineering doctorates \$445.

age of the earth. From the rate of radioactive decomposition of uranium into lead and the relative amounts of each in a deposit of lead, the age of the earth is calculated to be two to three billion years.  
The same figure is arrived at independently by two other methods. One procedure is made possible by the fact that the moon is uniformly moving away from the earth. The rate of this separation can be measured, and the present distance is known, so the time when the moon was part of the earth can be solved. Another method is to measure the relative amounts of the radioactive isotopes of potassium 40 and

**Simmons Newgirls Are Guests Of The Tech**  
Almost a score of Simmons News journalists were entertained last Sunday afternoon by the members of The Tech's staff. Dancing and refreshments enlivened the party. Advertising Manager George Weiss contributed a unique punch to the refreshments.

Eighteen NSA Summer Jobs  
Open in European Cities

Want to spend the summer in France? Holland? Scandinavia? The National Student Association has available eighteen industrial jobs in six European countries. Twenty students have already been placed in such positions as surveying, construction work, and more highly technical fields.  
Job offers still open include the following: building of railway stations in Holland, architect requested; work in machine shop for a mechanical engineer and power station work for an electrical engineer in Finland; work in the mineral industries in Norway for a geologist or mining engineer; and work in a roller bearing factory in Sweden, electrical engineer requested. The one stipulation for participation is that students must be Juniors or Seniors.  
**Knowledge of Language Unnecessary**  
There are no language requirements, whatsoever, in any country, except France. The jobs last for a period of not less than eight weeks after which students are

Tech Rifle Squad  
Captures Title in  
NE Competition

Shooting three points above its nearest competitor, the M.I.T. varsity rifle team won its first New England League championship Saturday afternoon in a five-way match in Boston. The U. S. Coast Guard Academy, Norwich University, the University of Connecticut, and the University of Maine finished behind Tech in that order.  
The New England title had always been an elusive goal for M.I.T. teams of past years, for in spite of the excellent season results of many of the former teams, they had always been defeated at the finals, usually by Tech's arch enemy, the Coast Guard Academy. The tables were turned this year as the Engineers nosed out the New Londoners in a close match. The Coast Guardsmen came to the finals with an 8-0 lead in the Southern Group, while M.I.T. had a 6-1 record in the more hotly-contested Northern Group matches. It was quite apparent, however, from the higher scores that the Beavers had shot during the season, that a closely fought contest was in store.  
A 281 count for the Coast Guard brought up its other scores to give the C. G. A. team a one-point lead in the first relay over Tech's scores, made by Dud Hartung, Kyle Worley and Robble Robertson. The Beavers forged ahead in the second relay, however, thanks to the score of Herb Voelcker, whose 282 was high for the match. Sark Zartarian gave the Tech total its final boost in the third relay. Coast Guard

**NO CLASS**  
Classes on the morning of Saturday, May 13, the day of Open House 1950, will be cancelled. The Open House Committee has announced.

Ray Dorey will Render  
Music for First Night



Betty Clarke, featured vocalist with Blue Barron's Orchestra at the 1950 Soph Prom, March 13.

Ticket options for the 1950 Sophomore Prom which will be held May 12 and 13, Open House weekend, are now on sale for three dollars in the lobby of Building 10. The weekend program will feature a formal at the Hotel Continental and an informal dance and party at Walker Memorial.

Friday evening, May 12, the class of '52 will dance at the gaily decorated Continental to the music of himself, of radio and television fame, will be the featured vocalist and will receive feminine support from Teddy King.

**Blue Barron Featured**  
The sweet music of Blue Barron and his aggregation will add to the enjoyment of couples attending the informal dance and party the next evening, Saturday, May 13. Barron will feature Betty Clarke and Helen Lowe as the feminine vocalists, with Bobby Beers lending able male support.

Speech Contest  
Set for May 5

Plans for the Stratton Prize Contest for 1950, which is open to all undergraduates, were announced today by Professor Thomas H. D. Mahoney, who is again serving as Chairman of the Stratton Prize Committee.  
The Stratton Prizes were established in 1931 by the late President Samuel W. Stratton to give students an opportunity to gain valuable experience in the preparation of scientific material for public presentation and to acquire something of the art of speaking, the command of language, proper use of the voice, and poise which add so greatly to the effectiveness of delivery.  
There will be prizes for each of the six finalists to be awarded as follows: 1st prize, \$100; 2nd prize, \$50; 3rd prize, \$20; and the remaining three finalists each receive a suitably inscribed book worth \$10. Students desiring to enter the contest are requested to submit their names to the head of the course in which they are majoring. Each course is expected to hold its own trials to choose at least two repre-

After the sale of each group of forty options, drawings will be held for a bottle of champagne to be served to the winning couple at their Hotel Continental table. The drawing will be cumulative; the purchase of an option makes the person eligible for all subsequent drawings.  
The price for the entire Sophomore Prom (Continued on Page 6)

Killian Names Rule  
to Head Course IX

**Will Still Administer Graphics Department**  
Dr. James R. Killian, Jr., recently announced that Prof. John T. Rule, head of the graphics department since 1938, will be the new chairman of the courses in general science and general engineering. Prof. Rule, who will continue to administer the graphics department, will succeed Prof. Ralph G. Hudson. Prof. Hudson has headed Course IX since 1932 and will retire next July



with the rank of Professor Emeritus.  
Prof. Rule, who graduated from Technology with a degree in science in 1921, returned to the Institute with the rank of assistant professor of drawing in 1936. Two years following his return he was promoted to the rank of associate professor of drawing and descrip-

'51 Muglift Scheduled  
for April 18 in Cage

Beer and Dixieland will fill Rockwell Cage on the evening of Tuesday, April 18, when the members of the Class of 1951 collectively raise their mugs at the Junior Mug Lift. The stag affair will last from 8:30 p.m. to midnight. April 19, the following day, is Patriots' Day.  
Tickets for the lift will go on sale on April 4 priced at \$1.25 apiece. Emblazoned with the official seal of the Class of 1951, special beer mugs are to be provided in a separate sale. The chamber music society of upper Beacon St. will furnish the hot notes of the evening.  
Chairman of the Mug Lift Committee is William H. Shenkle. He is assisted by Walter E. Casey, Jr., Stanley J. Marcewicz, Harry N. Lowell, Frank L. Mayer, and Robert S. Gooch.



# The Tech

VOL. LXX

TUESDAY, MARCH 21, 1950

NO. 15

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## WELL-ROUNDED MEN

Zoomies and brownbaggers have been in opposite camps for a long time, and the brownbaggers have been the victims of a propaganda barrage aimed at liberalizing them and leading them to the glories of the enlightened and fuller life of the well-rounded man. The brownbaggers are seldom convinced that their narrowness limits them seriously, so they resharpen their pencils and go back to their monastic cells unperturbed, all because the arguments for liberalization are very often misconstrued. The cry for breadth as well as depth unfortunately is easily converted to an excuse for aimlessness by those who have found no ultimate purpose; others superficially accept the advice to undertake a part time liberal education and become ludicrously proud of their broad intellectual development via the Saturday Evening Post, the Reader's Digest, and the God-Forbid-That-You-Should-Have-To-Think Book Club. These people feel that it is wise also to develop a good hand at bridge and a fair game of golf. Under par on the nineteenth hole, they also spend time collecting a notable assemblage of locker room anecdotes and stag party ballads. These things may be necessary equipment for the future cement salesman, but we feel that they are not to be crowed about, nor are they to be included under the usual classification of enlightening education.

Philip Wylie often sounds like a detective story writer, suddenly awakened to find much wrong with the world, who has climbed to a rooftop to shout his warning to the complacent populace below, but his advice to "think in other categories" is notably sound. Brownbaggers are well known for thinking in just one category, largely because they have been led to believe that the alternative is intellectual dilletantism or the kind of materialistic smallness described above. Although many of the perpetual "grinds" get that way because they are not much interested in anything and will do just what they are told, most are characterized by an intense interest in their work and a singularity of purpose which is on a much higher plane than that of the undedicated "well-rounded" student who is rolling around like a marble on the deck of a pitching ship. When the student who has not yet found himself feels smug toward the brownbagger who has developed some exact plan and is dutifully following it, he is being foolish.

Too many brownbaggers see only the superficial result of liberalization, and it is understandable that they might find no justification for coming out of the shell if nothing better is to be found. Of course it is here that they are mistaken, for they are overlooking the prime good that might be derived from "thinking in other categories." By remaining within the bounds of one highly specialized field, their narrowness handicaps them not only in the areas they have neglected but also in their own specialization, for they are without the wealth of background needed for creative work in even the most exact of the sciences. Professor Wiener's well-known work is an example of the value of familiarity in many divergent fields.

But there is no need for us to add our voice to the chorus chastising the brownbagger. We have become more concerned with those who do the chastising. We advise the brownbagger to continue ignoring those who are trying to make an "Esquire man" out of him; he is doing well enough now and will get along without learning to rest one arm on a mantelpiece, dangle a daiquiri in the other, and make fluid conversation about Riviera gaming tables.

## In The Spotlight

By STAN BENJAMIN

Any dorm man who has awakened one morning to the ring of his telephone and the cheerful cry of "Rise and shine!" is familiar with today's Spotlighter. Larry O'Reilly has been on the job for eight years waking up drowsy Techmen and handling all Institute calls that come in during the wee hours between twelve and eight a.m. Actually, Larry's services don't stop with his officially designated duties; he receives many calls from Techmen stranded miles from the school or from sheriffs wanting a voucher for a bewildered freshman who claims he was kidnapped by sophomores. Larry takes such calls in stride and always manages to get things straightened out with a minimum of trouble. Formerly a cab dispatcher, he knows many of the cops, cab drivers and other such useful people in the Boston area, and he uses these contacts to keep things running smoothly.

## Thinks Tech is "Best College"

A native of Cambridge, Mr. O'Reilly considers himself representative of the "Boston Irish," and he enjoys singing old Irish ballads in his melodious tenor voice. He is a mild-mannered, fatherly man, but he slyly admits that his friends back in Cambridge High nicknamed him "Pirate" in view of his popularity with the girls. The "Pirate," now father of five, wants his two sons to come to M.I.T. when they graduate from high school, and he thinks Technology is "the best college a boy could go to."

## NSA (Continued from Page 1)

travel is \$300, round trip.

The jobs were made available to Technology as a cooperating member in the IAESTE (International Association for the Exchange of Students for Technical Experience) for the first time this year. Briefly, here's how the program works. Participating colleges in the various countries procure positions from companies within their area and meet sometime during the year to allocate these job opportunities. The companies state their requirements on forms which are then passed on to the colleges at the conference.

## Total of Fifty Positions

This past January the conference in Helsinki, Finland, was attended by Earl W. Eames, '49, who, as the first IAESTE representative from the United States, obtained forty jobs for M.I.T. and the Michigan College of Mining and Technology. Later ten more jobs from Holland were obtained, and the total now stands at fifty, of which Michigan Tech has taken thirteen. In exchange for the European jobs, students at the two schools have found summer work for a number of European students.

Persons interested in this program should drop in the NSA office before Friday and look over the positions available.



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Photo by Honigsberg

## LARRY O'REILLY

Larry spends his time between calls reading, one of his hobbies, and he is thus well-read and takes great interest in both world affairs and students' personal problems. He likes historical novels and would like to be a writer, but fears himself too leisure-loving to type up his manuscripts. He enjoys a game of penny-ante poker now and then, but disapproves of heavy drinking. He makes and collects lamps and can often be found haunting the Boston antique shops in search of old prints or other rarities for his collections.

Larry likes his job here, but considers his biggest task that of bringing up his children. His trademark on the job is an old, battered hat which somehow reflects his easy personality as an unruffled student of human nature. In his more serious moments, Larry sums up his philosophy with the simple comment that "You have to live with yourself."

## Fraternity Findings

By DAVE BOSSEN

This weekend was rather barren of any bid parties, which was due, no doubt, to the popularity of the Tech Show. As a consequence, this column is plagued with a paucity of information. Perhaps we can fulfill our raison d'être by a wee bit of sermonizing.

Next year the Institute will be in a position to house more students in dormitories than ever before. Facilities will be made available to a very large portion of the incoming Freshman class. This is a very fine thing and one in which all Techmen should rejoice.

However, these increased facilities will present a serious challenge to fraternities. No longer will freshmen be inspired to join fraternities just to find housing. We believe that fraternities offer much more than a place to live and party, but that one week is far too short a time to demonstrate benefits of fraternity life. Therefore, midyear and end-of-year rush weeks have been proposed. True, these late rushing periods present problems. However, these problems are not insuperable and should receive attention.

## DINE AT THE HONEY BEE CAFE

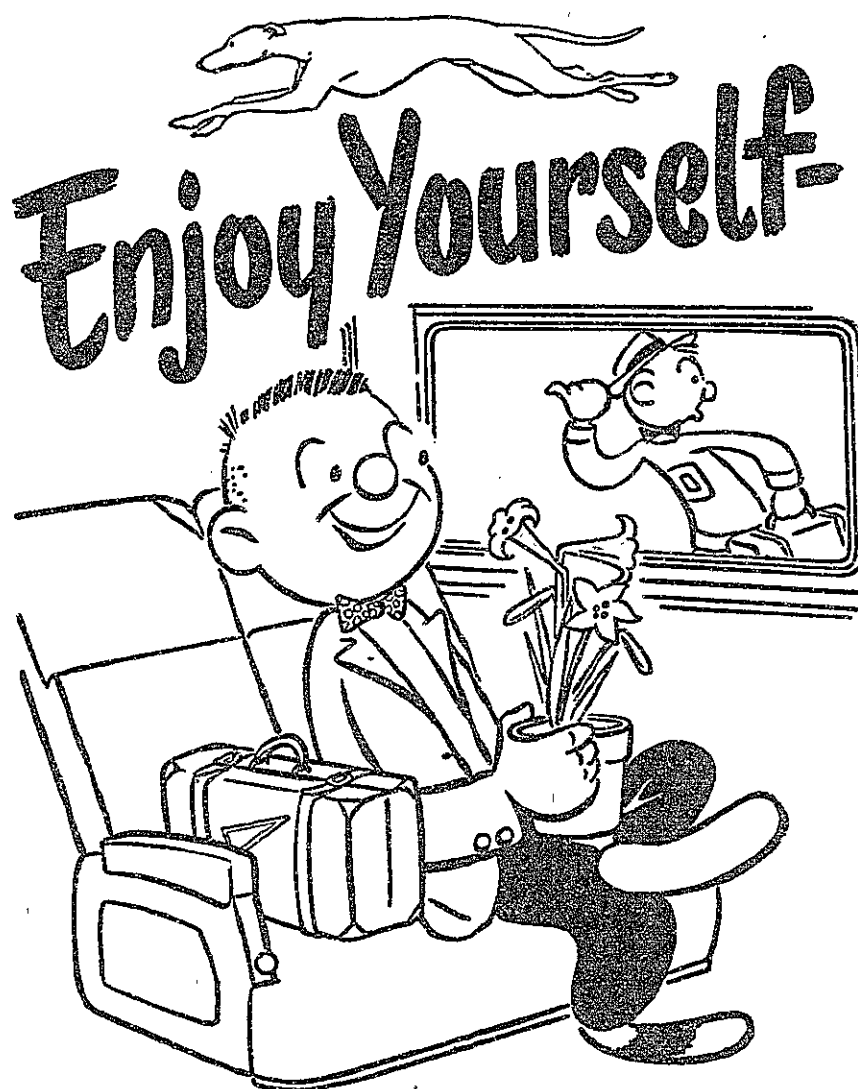
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# GREYHOUND



# Gottlieb Sparks Tech Show

Tech Show 1950, alias Joe Gottlieb, burst upon us with the excitement and fanfare that usually accompany miracles. That it smacks of the miraculous is apparent in the quality of theater talent originating at the Institute. This manna was supplied by a few local demigods, namely Vablestolk (a four dimensional monster that contributed the book, the lyrics, the Ableson, and the Van Stolk), Jonny Leffler (Mr. Music), and Gottlieb, again. The result of this heavenly phenomenon was a musical which would have done more than justice to most liberal art schools.

**No Mention of Tech**

Ever since Tech Show was resuscitated shortly after the last war, the productions have consistently become more mature. This year, for the first time, the authors have avoided even a casual reference to our Alma Mater, concocting a good deal of hilarity and salty Maine flavoring instead. The plot moves swiftly and smoothly, giving Joe

Gottlieb all the opportunity in the world to strut his stuff.

The curtain opens on an innocuous Maine fishing hamlet which is all agog about the arrival of a stranger in its midst. This foreigner, to add spice to the commotion, is naturally a young lady, and a beautiful one. She has just stepped off the train from the big town and is itching to exchange her urban nightlife for rustic pleasures in Schmangor.

The town's hopelessly naive and eager young swain is dispatched to help this lovely visitor (Toni) to her lodgings. By the time the two of them have entered Laetitia's boarding house, the village lad (John) has been smitten and has completely forgotten his professed yearnings towards one of the fairest of the local citizenry. As Toni is about to retire she is startled by the sudden appearance of Leif Ericson's ghost, a skirt chasing rapsallion who sees in Toni a desirable haunting partner. Leif charmingly contrives Toni's demise, but confronted with Vablestolk's script he

doesn't have a ghost of a chance. Instead our specter finds his ghosting mate to be the old widow Laetitia, while Toni surprises us all at the end by revealing that she herself is from ghost headquarters come to award Leif the nuisance prize. As this has transpired John has been reunited with his first love and everybody is happy, including the four fishermen who have been waltzing in and out of the plot.

**Mr. Gottlieb Esq.**

It was Gottlieb's show, and the audience couldn't get enough. As an irrepressible philanderer (even for a ghost), he showers his amorous affections on a host of female admirers, that glint in his eye slyly suggesting a moonlight cruise to his native haunts in the Arctic Circle where the nights are six months long. Whether Joe Gottlieb was soliloquizing of his voyages, or singing the clever lyrics of "I'm a Very Striking Viking," or becoming properly intoxicated, gobbling down a cocktail of strychnine and Vat 69, he is always in command of the stage and the people in front of it. Taking top billing with Joe were Jim Bresee who imparted a strong resonate voice to the role of John,

and Georges Marcou, a riot of a census taker.

**Girls, Girls, Girls**

And there were the ladies: Dottie Liftig with a gorgeous pair of gams and the proper accouterment who shined in the infectious "Why Is the Beach" duet, and Gwen Downhill, this year's nightingale, and Beton Moore, who galloped away with all the acting honors for her adroit handling of the spinster Laetitia.

The chorus was big, too big. Not only unwieldy, but it acted and moved en masse, neglecting the possibilities of dynamic contrast. Their vocalizing was at times muddy and indistinct.

The quartet, which is by now a Tech Show institution, did a superb job of harmonizing on their two numbers. Not only their adherence to correct intonation, but also the spirit with which they charged into their four part routine was commendable.

The music went hand in glove with the story, the two working together to produce a skillful combination. This is a different approach than that of previous tunes which had employed catchy tunes on the basis of their own merit. This integration was done with the accompaniment of artfully created sets and some tricky lighting, the latter highly effective in the "Beware" scene. The chorus imperceptibly filled the stage thwarting Leif's designs on Toni. Finally, they fade into silhouettes against the sky with the hushed admonition "beware!"

All in all Tech Show 1950 was mighty fine entertainment. It has shown progress over the last four years continually innovating and being rewarded with more success. Yes sir, Tech Show is a miracle worth a yearly pilgrimage, but ... we're losing Gottlieb!

# Letters to the Editor

**Associated Tutors**  
Editor, THE TECH  
Dear Sir:

In your March 10 issue, you carried an article on Mr. Dingee of the Associated Tutors. The conclusion arrived at was that "the A.T. appears to have become a permanent part of the Institute picture, satisfying a very real need of Technology."

I should like to dispute the statement that there is a need at Technology for the type of test preparation given by the A.T. — group cramming with the sole purpose of getting students through the examinations. In the event that the Editors have not seen the forest for the trees I should like to remind them that one's prime purpose in attending school is to learn and understand, not to pass tests.

Many students cannot learn quickly, and many instructors cannot explain concepts clearly so that there is always some need for after-classroom instruction. There are two means, other than the A.T., of acquiring this instruction. One is to see your instructor during his conference hour. However, if the student feels that his instructor is poor, there exists at Technology a group of some thirteen students, recognized and approved tutors, whose contact with undergraduate problems is far better than the A.T.'s. These tutors, in private tutoring sessions, attempt to teach, as well as aid in passing examinations.

If there exists a real need in Technology, it is to convince the instructors, and allow them to convince the students, that tests are not a scholastic deity which we must worship and dedicate our lives to.

Roy Weinstein, '51



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We have occasionally come out of the woods and climbed to a hill-top in an attempt to get a better view of the forest, as in the editorial column last Friday. We hope that these expeditions have not been so futile and myopic as to justify Mr. Weinstein's opinion that we have neglected the ultimate problems in our concern with the immediate one.

Regarding Mr. Dingee's well-oiled cramming machine we agree that its presence indicates an overly "quiz conscious" student attitude. With Mr. Weinstein and many others, we eagerly await the millenium, when the Associated Tutors will be forced to take in their shingle, the Coop will sell no more "Tech Is Hell" pennants, and everybody will work because he wants to learn.—Ed.

**Walker Food**  
Editor, THE TECH  
Dear Sir:

I am a resident of the Dorms. As such, I have come in daily contact with what Walker laughingly calls food. After seven steady months of this sort of fare, I and a lot of other fellows are getting Fed Up. I believe we are getting inferior food for prices which would ordinarily buy only the best. And it is getting worse daily.

Braised ox-knuckles, lamb's liver saute, frankfurters, and hash are mainstays of the Walker diet. The prices of these dishes run from 60c to 75c, at least 20c over what they should cost. Two franks plus vegetables shouldn't cost over 45c, yet we pay much more.

Not only is the food expensive, it is not of the best quality. We get lamb's liver for the price of beef, and rarely do we get chicken—an item which is now plentiful and cheap on the market but one which is undoubtedly too difficult for the chefs (?) to prepare. The rolls are stale every other day, usually the bread is also, and the food is cold. Just because Walker is the only

(Continued on Page 6)



# Baseball Squad Seeks Sunny Climes in Dixie

By MART MERRIAM

Eighteen members of Tech's baseball squad will take a conditioning swing through the South this year for the first time in the history of the Institute. The Beavers, who have been working out in Rockwell cage for the past six weeks, will play five games in Dixieland during Technology's spring vacation week March 27-April 2.

The diamondmen open against Washington and Lee in Lexington, Va., on Tuesday, March 28th, and after this encounter move on to play Virginia Tech on Wednesday. Then comes a two-day stand in Washington, D. C., where the Engineers battle American University on Thursday and engage George Washington on Friday. The last game will be played in East Orange, New Jersey, where the Beavers meet Upala on April Fool's Day, the first of April.

## Dixon Top Pitcher

With a solid nucleus of lettermen and a host of promising Sophomores, the team appears to be in fine shape. This year's pitching staff consists of four right handers, three of them Sophomores. Heading the list is Amos Dixon, who compiled an enviable strikeout record with last year's frosh aggregation. The other two Sophs are Cliff Rounds, fast and wild with a good crossfire, and Wade Green, who specializes in control. Rounding out the staff will be Frank Hogan, a Senior, who will be used mostly in relief.

## Lubarsky Tops Hitters

Catching will be last year's leading hitter, strong-armed Gene Lubarsky, expected to provide quite a bit of this year's power. Reserve catcher is letterman Joe Regan.

The infield will have experienced Warren Fenster at first, either Jerry Kiely, who held down the slot last year, or Mike Johnson, moved over from short, will play second; Ron Thompson, who batted over .400 for the freshmen last year, is at shortstop, with either Fred St. Laurent or Roger Harsch holding down the third base job. Mike Celentano, a letterman who can fill in anywhere, will go along as utility infielder and Joe King, listed as a third baseman, will be carried for his hitting strength. The Beavers will be handicapped by the loss of veteran sparkplug Joe D'Annunzio, who

held down third base last year. Joe is out for the season with a back injury.

## MacMillan in Center

The outfield looks good, with Captain Jack MacMillan in center, slugger Barney Byrne in left, and rifle-armed Pete Philliou in right. Byrne and MacMillan finished second and third respectively in team batting last year, and Warren Berg is looking for a repeat performance this season. MacMillan, who shares with Thompson the title of "fastest man on the squad," covers a tremendous amount of ground, and is generally credited with being one of the hustlingest and smartest ballplayers on the squad. Byrne, who led the team in homers last season with three (MacMillan had two), boasts one of the best throwing arms in New England. Letterman Philliou also has an extremely strong arm, so strong, in fact, that he is occasionally used as a relief pitcher, as is also Mike Johnson.

# Pucksters Finish Mediocre Season; Lea High Scorer

Technology's pucksters concluded their season Saturday night, March 4, posting a final record of four wins and nine losses. After a slow start, the icemen got hot and racked up four straight wins in mid-season but then lost their remaining games.

As was expected Captain Don Lea led the squad in scoring, getting twice as many goals as any of his teammates. Don was again one of the top scorers in New England as he has been for the past few seasons.

## Season Summary

M.I.T.....5	Harvard 10
M.I.T.....2	B.U. 11
M.I.T.....6	Northeastern 8
M.I.T.....8	American Institute 3
M.I.T.....8	Tufts 5
M.I.T.....8	Bowdoin 5
M.I.T.....5	Tufts 3
M.I.T.....6	Northeastern 10
M.I.T.....3	Bowdoin 8
M.I.T.....0	B.U. 14
M.I.T.....3	Tufts 4
M.I.T.....2	B.C. 7
M.I.T.....3	Middlebury 5

# Lacrosse Team Begins Practice; Lea and Sharp are Co-Captains

Since the beginning of the spring term, the lacrosse team has been working out at the cage several days each week. So far Coach Ber Martin has been drilling the boys on the fundamentals of the game. Anyone interested in coming out for the team is welcome to work out with the squad from 4 to 6 p.m. at the cage.

According to Coach Martin, who has been coaching lacrosse here at Tech for the past five years, this year's squad should show plenty of improvement over last year's team which won only two games. Of the twenty-five men who played last year only seven have graduated.

## Lea and Sharp Captains

Co-captains Don Lea and Hank Sharp are both three-year veterans. The loss of Lea last year, because of a broken collarbone, suffered in the second game, was a definite blow to the team's chances, but he will be around to add to the team's power this season.

Other returning lettermen include Boyden, class of '50, and Pearlman, Aycrig, Huche and Butzow from the class of '51. From

last year's J.V. squad there will be Meuser, Strawn, Ehrenberg, and Carson.

## To Play Yale

The opening game will be here at Tech on April 8 with the Boston Lacrosse Club. This club is a strong group which consists of former college men and graduate students and usually has some of the better former college players. The next game will be at Tech on April 15 with Yale and following that the Beavers will play at Dartmouth. Both these strong teams defeated the Engineers last year.

## The

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## Rifle

(Continued from Page 1)

had meanwhile regained some lost ground, and needed but four points to tie the match when the final relay started. It managed to come up only one point, leaving the Engineers with the trophy. Norwich was a real threat to the Coast Guard team because of the record-breaking standing score of its star, Atwood, until he registered a miss in the kneeling position. His otherwise splendid performance assured the Norwich team of a third place over the Southern Group second-place team, the University of Connecticut. The Maine squad, tied with Tech for first place in the Northern Group season matches, but unused to shoulder-to-shoulder matches, made a poor fifth place in the finals.

## Summary:

Morning match against Harvard and Columbia: M.I.T.—Auer, 284; Voelcker, 279; Hartung, 279; Tanner, 278; Chameny, 274; Total, 1394. Harvard—Elfast, 275; Reem, 271; Knight, 268; Shuttleworth, 262; Lindamood, 257; Total, 1330. Columbia—Heffan, 277; McGraw, 275; Vandenburg, 265; DiGiacomo, 262; Kramer, 251; Total, 1330.

New England College Rifle League Finals: M.I.T.—Voelcker, 282; Hartung, 277; Zartarian, 276; Worley, 276; Robertson, 273; Total, 1384. U.S.C.G.A.—Glass, 281; Mihlbauer, 277; Morse, 276; Hill, 274; Glass, 273; Total, 1381. Norwich—Atwood, 280; deZafra, 277; Clark, 276; Luce, 272; Beardsley, 268; Total, 1373. Conn.—Joory, 278; Nelson, 273; Kulbarsb, 271; Burr, 269; Shellard, 269; Total, 1360. Maine: Bond, 273; McBride, 268; Hutchins, 266; Rand, 259; Derby, 258; Total, 1324.

## Rule

(Continued from Page 1)

tive geometry. In 1947 he became a full professor.

Prof. Rule is widely known for his research and development in various phases of three-dimensional vision, including stereoscopic drawings, photography, motion pictures, and general stereoscopic drawings. During the past war, Prof. Rule devoted his time to research with the Polaroid Corporation and was in charge of the development of the Mark I machine gun trainer which applied stereoscopic techniques to stimulate combat conditions.

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## RED CROSS SWIM

Red Cross life saving senior and instructor classes will begin April 3rd when preliminary tests will be held. Those who qualify will start classes April 10th which will be held Monday through Thursday from 4:00 to 5:30 for the following six weeks. An examination will be held at the beginning of the seventh week.

The course may be used as a refresher for those who have already passed the test as well as a substitute for A-2 activity. Two cuts will be allowed.

## Fencers Fail; Plummer Gets 6th

In an entirely unprecedented finish in the history of the meet, N.Y.U. won the Eastern Intercollegiate championships from Navy by the narrow margin of a final victory in the saber event.

The M.I.T. squad had a very difficult time of it and finished up at the tail end of the team standings. The epee team was the most successful for Tech with a total of 13½ victories. Al Zeziger won 6 bouts, Charlie Kurz won 4 bouts, and Fred Rayfield won 3½. In the foil event Captain Frank Kellogg and Tony de Alteriis each captured

3 bouts, Tony Mirti took 4 bouts and Dick Maroney added one more to Tech's score. Saberman Jim Turner and Pete Ney finished with two victories apiece, while John Lowry garnered a total of 5 wins.

### Plummer Breaks Record

Of the three Beaver swimmers that journeyed to Annapolis to compete in the E.I.S.A. only Dirk Plummer met with any success. Dirk took a sixth in the 150-yard backstroke event and his time of 1:39.4 was good enough to shave 3.8 seconds off the old M.I.T. varsity record for this distance.

## Beaver Trackmen Beaten by Brown in Close Meet

### Buckstaff Wins 136 lb. Wrestling Title in N.E. Championships

Sinclair Buckstaff, transfer student from Annapolis, came from behind Saturday night to win the 136-pound New England A.A.U. wrestling championship, held in Boston over the week-end. Although Buckstaff has not been able to wrestle with the Beaver squad this year, because of his recent transfer from the Naval Academy, he has been working out with the team all season, participating in independent tournaments where collegiate eligibility was not required.

The title bout for 136-pounders between Buckstaff and Perry, of Williams University, this year's New England intercollegiate champion, was one of the most exciting in the tournament. After a closely fought first period with Perry leading 3-2, "Bucky" suddenly reversed his opponent and applied the deadly guillotine headlock which quickly ended the match.

Although ineligible this season, Buckstaff will be with the Beavers next year. His next competition will be in the National A.A.U. tournament in New York to be held at the end of this month. Bucky acquired his grappling artistry at Tulsa Central High School and later perfected his prowess at Annapolis.

### Dell 'Isola High Scorer For Tech; Frosh Lose

Brown University's defending New England Champions defeated the Tech Indoor Track Team last Saturday at Briggs Field by the close margin of 57-51. The Bruins came from behind and picked up a seven point advantage in the last event of the day, the broad jump to settle the issue. In the Freshman Meet, the Bruins yearlings won an easy victory over the Tech frosh, 68-31.

In the varsity meet, Brown actually won its victory almost entirely through the efforts of the Tobey brothers, Johnathan and Joshua, and Gil Borjeson, national collegiate 35-pound weight throw champion. The trio accounted for 30 points between them, Jonathan winning the 600- and 1000-yard runs, while Joshua took both the 1-mile and the 2-mile and Borjeson won both the weight throw and shot put. Brown's Dick Phillips, New England High Jump champion, added 5 points with a win in his event, but Ray Leeth, New England High Hurdles champion, was beaten by Anderson of the Techmen.

### Dell'Isola Takes Two

Captain Al Dell'Isola of Tech was high scorer for his squad with firsts in the 50-yard dash and 300-yard run, and second in the 600-yard run. Thompson captured the only other Beaver first by winning the pole vault.

The only victories for the Tech Freshmen were by George Grenier in the 600-yard run, Howie Munro in the high jump, and Dick Segien in the broad jump. For Segien, who seemed likely to become one of the top Freshmen weight men and broad jumpers Tech has had in recent years, the win proved to be a costly one. On his winning jump he suffered a recurrence of an old shoulder separation which will put him out of competition for the season.

### Season Ends

The double defeat closed out the indoor track season for this year. Highlights of the season were a double victory in a dual meet against Northeastern, and victories by the mile relay team, in the Millrose Games in Madison Square Garden and the Boston Knights of Columbus Games at the Boston Garden.

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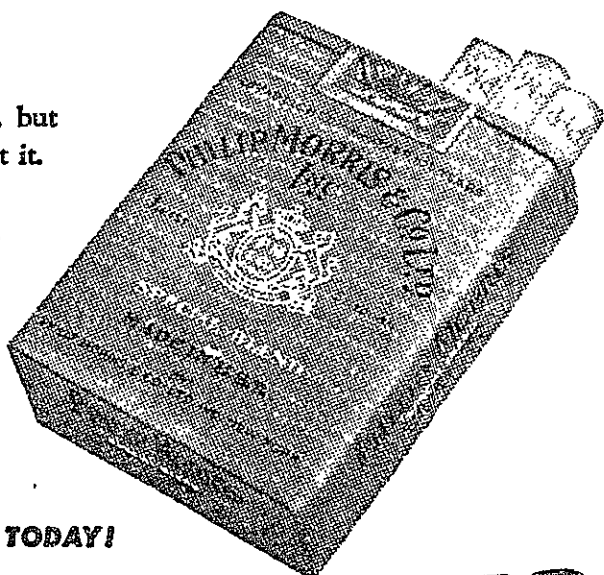
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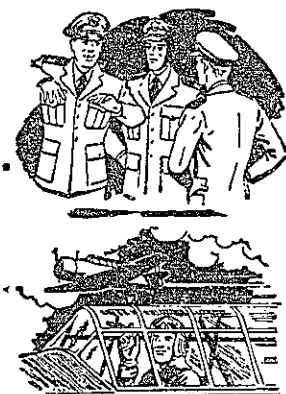
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## Forum Will Present Lab Course Gripes

Institute lab courses will be under fire at a discussion to be sponsored by the Student Faculty Committee on Tuesday, April 4. Dr. J. A. Stratton, Provost, will act as moderator. Students are urged to express their grievances on this subject at the meeting, where they can do some good.

A fair number of undergraduates, especially the freshmen, have complained about their laboratory assignments. Both the experiments themselves, and the order in which they have been scheduled, have been criticized.

Mr. E. C. Lerner, in charge of the freshman physics laboratories, believes that the course is quite satisfactory, considering the somewhat limited facilities available. Both students and faculty members will have an opportunity to present their views at the April forum.

## IFC Elects New Committee Heads

Elections for the coming year highlighted the monthly Inter-Fraternity Council meeting held last Thursday evening. The elections were as follows:

Robert R. Stephenson, '51, (Phi Gamma Delta), and Robert M. Briber, '52, (Sigma Chi) were elected as new members to the executive committee. Lester W. Preston, '51, (Sigma Alpha Epsilon) was chosen as the new chairman to the investigations committee, and Ronald Greenwald, '51, (Sigma Alpha Mu) was re-elected head of the scholarship committee. New dance committee chairman will be William G. Austen, '51, of Delta Tau Delta Fraternity.

At the meeting held last month Bill Shenkle, '51, of Theta Chi Fraternity replaced Jack Jacoby, '50, as president of the I.F.C. The elections become effective at time of selection and are held at this time each year.

## Letters to Editor

(Continued from Page 3)

convenient place for us to eat is no reason why they should operate at a profit, as surely they must. Fellows at the Harvard Union pay only about 60c for each meal. At the New Dorms, \$10.00 a week buys 5 days worth of good food. Now the New Dorm's dining service buys their food at the same place that Walker does, so why can't we get reasonable prices and decent food as they do? Perhaps some form of meal ticket could be issued for a certain number of meals. This would assure Walker a steady amount of customers and would eliminate waste and lower prices. There is no reason why we can't get some sort of satisfaction. I realize that every year fellows get tired of Walker food; and every year nothing is done about it. I have offered a suggestion which is surely practical. So for heaven's sake, let's get good food at decent prices **SOON!** ! ! !

Howard S. Stern, '53  
Robert W. Reid, '53  
Lawrence J. Marks, '50  
Peter Sherman, '53  
Ted Kaltman, '53  
Alfred A. Wolf, Jr., '53

## Stratton

(Continued from Page 1)

sentatives for the semi-finals scheduled May 5.

Rules covering the contest follow: Each candidate is limited to a fifteen-minute presentation (twelve minutes preferably). His talk may or may not contain illustrative material, though preference is given to those which do not.

## Gamow

(Continued from Page 1)

uranium 235 as compared to the quantity of the non-isotopic forms.

### Universe Expanding

Dr. Gamow then graduated from our solar system to the next complete unit of which we are a part, the milky way galaxy. The milky way is only one of many such galaxies, he explained, and the actions of these great masses of stars give us the clue to the age of the universe. It has been discovered that the galaxies are moving away from each other at tremendous velocities. In other words the universe is expanding and, because the kinetic energy of the moving galaxies is much greater than the gravitational potential energy of the system, it will apparently never contract again.

The velocities of the galaxies are known, and the distances that they have traveled can be computed, and so the time when the universe was completely compressed can be calculated. This time turns out to be two to three billion years. Dr. Gamow concludes then, that this was time of the origin of our present universe.

## Soph Prom

(Continued from Page 1)

more Week-end has been set at eight dollars per couple by the Prom Committee. This committee consists of Edward J. Margulies, Chairman; Stanley I. Buchin, Wesley J. Haywood, Kenneth A. Jonsen, Harold R. Lawrence, William E. Moss, and James L. Stockard.



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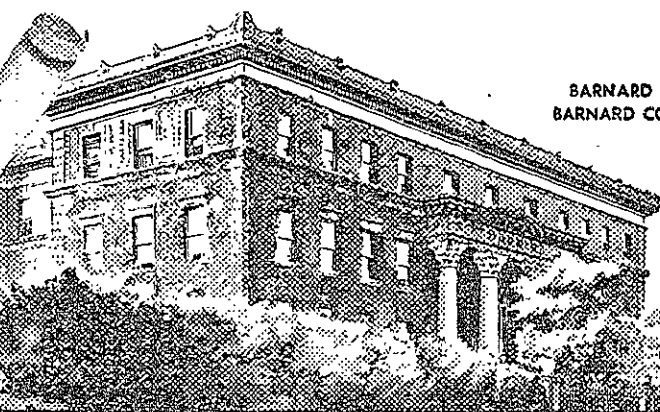
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